

All workshops begin at 8:00 a.m. and end at 3:30 p.m. Lunch will be served at each location. OPI renewal units will be available. **Registration deadline is two weeks prior to each workshop.** Space is limited; please register early!

Workshop I: April 11, 2007: Strategies in Math and Science- Analyzing and Describing Data

This one-day workshop enriches the data analysis topics included in the middle and secondary grades by providing examples of activities where students collect data, use graphs and numerical summaries to get information from data, and communicate that information. Teachers assume the role of students as they discuss data collection and experimental design issues, work through exercises, and share observations and conclusions. Teachers collaborate and share ideas in the workshop just as students will do in class. **This one-day workshop will be held at the Heritage Inn in Great Falls, Montana.**

Workshop II: April 16, 2007: Topics For AP Vertical Teams[®] In Mathematics

The one-day workshop focuses on articulating a middle and high school curriculum anchored in the skills, knowledge, and habits of mind needed for AP mathematics courses. Teachers concentrate on what and how they teach, as well as how they communicate and collaborate with each other. Participants become much more familiar with benefits and challenges of mathematics vertical teaming, and gain an arsenal of activities to use to generate discussion among their team members. Teachers engage in discussion and reflection pertaining to the group dynamics generated by the activities, as well as the implications for AP Vertical Teams, as they attempt to successfully implement these activities. Unlike other workshops that focus on what students should know and be able to do, this workshop is very much centered on what teachers should know and be able to do. **This one-day workshop will be held at the Hilton Garden Inn in Bozeman, Montana.**

Workshop III: April 24, 2007: Strategies in English-Rhetoric

This one-day workshop is designed to help teachers understand the classical art of rhetoric in its two senses: language as crafted for an audience; and the ability to find, evaluate, and use all of the available tools of language to achieve a purpose or an effect in a given situation. Participants will learn effective techniques by engaging in activities that will enable them to teach their students important rhetorical theory principles—such as the importance of the unstated assumption in both the creation and analysis of arguments, the nature of arrangement, and relation of style to form—that underlie the effectiveness of excellent writers and support the clear thinking and sound judgment of successful readers.

This one-day workshop will be held at the Hilton Garden Inn in Missoula, Montana.

Workshop IV: May 1-2, 2007: Interdisciplinary Strategies for English and Social Studies

This two-day workshop will provide a structured format to: 1. Identify and foster in students the skills and attributes that will prepare them for AP courses and other challenging, college-level courses in English and social studies; 2. Demonstrate specific teaching strategies that can be used to provide all students with appropriately challenging reading and writing tasks; 3. Focus attention on the role of classroom environment in developing student thinking and communication skills; 4. Develop alternate means of assessing student performance; and 5. Provide opportunities for teachers to work in teams to design curriculum that will promote higher-level learning. This workshop is divided into eight sections. In each section, you will be introduced to specific academic skills and corresponding teaching ideas. **This two-day workshop will be held at the Great Northern Hotel in Helena, Montana.**

Workshop V: June 13: Topics for AP[®] Vertical Teams in English

Through a series of hands-on activities and group discussions in this one-day workshop, participants learn how an AP Vertical Team in English can be centered around and driven by content, such as strategies for fiction and nonfiction. They will understand the benefits of a streamlined and connected curriculum for both teachers and students. An overview of the AP English Literature and AP English Language Exams will be provided. Topics addressed include literary analysis, analytic strategies for nonfiction, and team decision making.

This workshop will be held for one day at the Holiday Inn in Billings, Montana.

Workshop VI: June 14-15: Strategies in Mathematics- Helping Students Learn Mathematics Through Problem Solving:

This two-day workshop provides strategies for designing and using meaningful investigations, writing dynamic problems, and enhancing current classroom activities so that students will develop a deeper understanding and produce more thoughtful responses. Teachers will gain an understanding of how successful students learn and how to develop those skills in others, as well as how to build relevant, informative assessments that allow teachers to monitor and foster mathematical thinking without interrupting instruction. The general themes of this workshop include designing multiple-access problems, developing mathematical literacy, and improving mathematical communication.

This two-day workshop will be held at the Holiday Inn in Billings, Montana.

Please complete this form and mail to:
Answers Plus Consulting, Inc.
Pre-AP[®] Workshop Registration Form



HOME

Name _____
Address _____
Telephone _____
Summer Telephone _____
Email _____
Fax _____

SCHOOL

School Name _____
Address _____
Telephone _____
Ethnicity (optional) _____
Gender _____
GEAR UP School Please circle: Yes No

Please indicate the workshop you will be attending:

- _____ **Workshop I: April 11: Strategies in Math and Science, Great Falls**
_____ **Workshop II: April 16: Math Vertical Team, Bozeman**
_____ **Workshop III: April 24: English Rhetoric, Missoula**
_____ **Workshop IV: May 1-2: Strategies in English and Social Studies, Helena**
_____ **Workshop V: June 13: English Vertical Team, Billings**
_____ **Workshop VI: June 14-15: Strategies in Math Problem Solving, Billings**

There is no registration fee for Montana teachers or administrators. Montana teachers may be eligible for grant funding to cover travel costs for this workshop. For more information, contact Kathy Mollohan at the Office of Public Instruction, kathym@mt.gov.

E-mail the form to: answersplus@imt.net. Or mail the form to:

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